



Figure 1

"SIMULTANEOUS REDUCTION IN NOX AND CARBON IN
ASH FROM USING MANGANESE IN COAL BURNERS"
Filed: July 21, 2003 Inventors: Stephen A. Factor et al.
Serial No.: Not yet assigned Examiner: Not yet assigned
Attorney Docket No.: EP-7597 Phone: 804-788-5516

	NOx, # / MM Btu	Fly Ash C content %	Flue Gas CO content Ppm	Heat Rate Btu / kW
Average with GB ¹	0.125	12.0	8.5	10,004
Average without GB	0.151	23.2	12.2	10,074
Average Reduction	17%	48%	30%	0.7%

Figure 2

¹GB = Greenburn® 2001HF Combustion Catalyst